

Joint Task Force-Red Hill

Fuel Tank Advisory Committee



9 November 2022



Mission / End State

Mission: Joint Task Force-Red Hill (JTF-RH) ensures the **safe and expeditious defueling of the Red Hill Bulk Fuel Storage Facility (RHBFSF)** through coordination with State and Federal stakeholders in order to set conditions for closure while **continuing to rebuild trust with the State of Hawai'i and the local community of O'ahu.**

End State: Red Hill Bulk Fuel Storage Facility is safely defueled and conditions are set for closure, while continuing to rebuild DoD trust with the State of Hawai'i and the community.



JTF-Red Hill Organizational Structure

Legend

DOH/EPA Sync

Regulatory Organizations

DOH

EPA

Defueling Information Sharing Forum

Under development

SecDef

COM
USINDOPACOM

CJTF
Red Hill

Deputy
CDR

COS

HQs Spt

Commander's Oversight Group

Advises CJTF-RH on regulatory and legal matters and coordinates external communication

Safety

PA, LA &
Comm.
Relations

Comptroller
& Audit

Legal

Technical engineer expert to optimize repair project management

Strategic
Engagement

Advises and execute community relations and interagency engagements

Planning
Director

Planning

Rehearsals

- Conducts continuous planning to deliver options to CJTF-RH to safely and expeditiously defuel RHBFSF.
- Coordinates with all stakeholders for rehearsals prior to next execution milestone.

Training
Director

Site Safety
Training

Response
Training

- Coordinates operational and occupational safety training for all JTF-RH personnel working at RHBFSF.
- Coordinates fire/spill response drills for JTF personnel with required emergency management stakeholders.

Quality
Assurance
Director

Operational
& Occup.
Safety

Contract
Oversight

- Assesses all aspects of JTF-RH to ensure optimal quality.
- Inspects facilities and safety equipment to identify/correct potential hazards.
- Audits drafted/awarded contracts to ensure the highest quality of work performance.

Repair
Director

Preventive
Maintenance

Repair
Projects

- Conduct Recurring Maint & Minor Repairs (RMMR).
- Coordinate execution and lead oversight for fuel system and facility repair projects.
- Conduct add'l QC/QA thru indep. 3rd party of all repairs.
- Draft add'l contracts, as req'd.

Operations
Director

Defuel
Operations

- Conducts pipeline unpacking/repacking to support repairs.
- Controls all tank defueling ops, to include control room/AFHE, fuel movement/transfer, operator maintenance actions, and on-site monitoring of system and infrastructure.

Response
Director

Fire & Safety
Response

Spill
Response

Environ.
Compliance

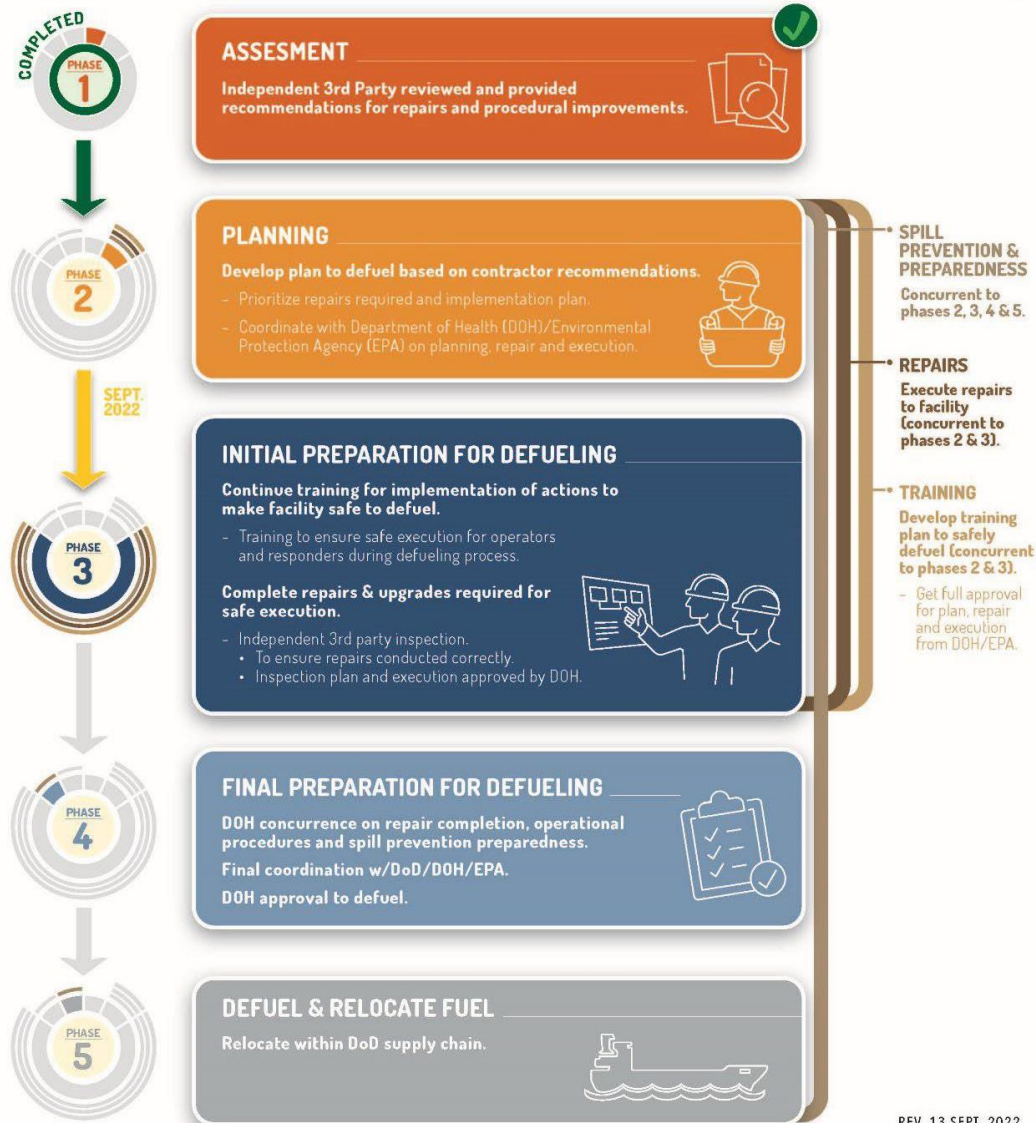
- Oversees facility fire safety.
- Conducts immediate fire/spill response (w/ Qualified Indiv.).
- Coordinates emergency response for CJTF-RH ICW mil and civ authorities.
- Ensures compliance with environment regulatory bodies.



RED HILL DEFUELING

The DoD will be regularly releasing information as the timeline progresses via the following:

- Press Releases
- Website Updates
- Virtual/Online Updates
- Neighborhood Boards



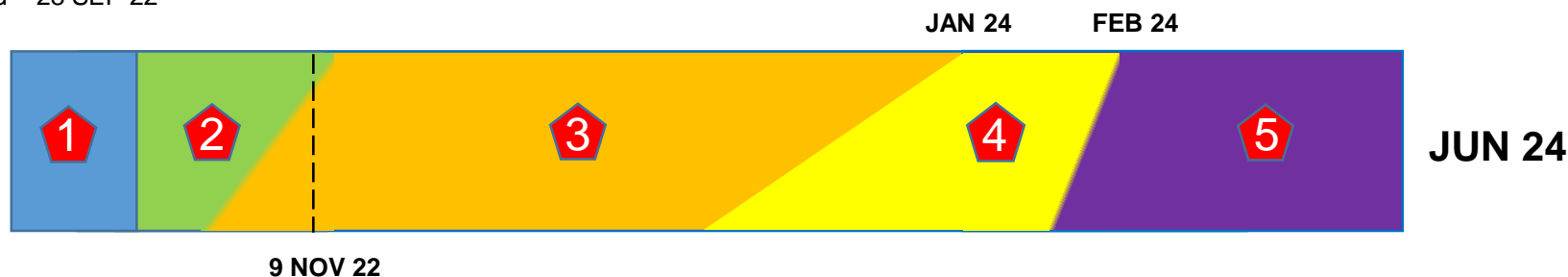


Defueling Schedule






Pre-decisional – awaiting
DOH approval

Supplement 1.B

Submitted - 28 SEP 22



Legend

-  1 Assessment
-  2 Planning
-  3 Initial Preparation for Defueling
-  4 Final Preparation for Defueling
-  5 Defuel and Relocate Fuel

Intend to work in partnership with DOH, EPA, and other Stakeholders to reduce the defueling timeline safely and in accordance with applicable regulations

Fuel Tank Advisory Committee: November 9, 2022





Navy Region Hawaii Agenda

- Closure Plan
- Red Hill Contamination Investigation and Remediation Status
 - Adit 3 Characterization and Recovery
 - Aquifer Impact & Red Hill Shaft
- Drinking Water System Assessment and Remediation
 - Water Distribution System & Long-Term Monitoring
 - Groundwater Monitoring Wells and Expansion



Red Hill Tank Closure Plan

- Secretary of Defense memo of March 7, 2021, to "permanently close the Red Hill Bulk Fuel Storage Facility"
- Secretary of the Navy's Closure Plan submitted to Hawaii's Department of Health on Nov 1, 2022
- The Red Hill Tank Closure Plan will encompass:
 - 20 Underground Storage Tanks
 - Four (4) Surge Tanks
 - Associated valves and Piping systems
- Navy is seeking approval for Closure in Place
- Navy will actively engage with DOH, the general public, and other stakeholders to solicit input on beneficial non-fuel reuse options
- Navy will be working with DOH during their review process
- Navy will update the Closure Plan with DOH's feedback in Supplement #1 ~February 2023
- The Closure Plan efforts have already started and will work in parallel with the Defueling Plan
- The Closure Plan is on the Navy website at: <https://cnrh.cnmc.navy.mil/Operations-and-Management/Red-Hill>



RED HILL TANK CLOSURE

The DON will be regularly releasing information as the timeline progresses via the following:

- Press Releases
- Website Updates
- Virtual/Online Updates
- Neighborhood Boards



PLANNING FOR PERMANENT TANK CLOSURE

- Submit Red Hill Tank Closure Plan to Hawaii Department of Health (DOH).
- DOH concurrence on permanent tank closure method & procedures.



PLANNING FOR BENEFICIAL NON-FUEL REUSE OF TANKS

- Collaborate with DOH, Environmental Protection Agency (EPA), local leaders, and general public.
- Identify, evaluate, and select beneficial non-fuel reuse option.



PREPARATION FOR TANK CLOSURE

- Begin closure process upon completion of defueling.
- Ventilate the 20 underground storage tanks to allow worker access.
- Complete repairs required for safe closure.
- DOH concurrence on repair completion and spill prevention.



IMPLEMENTATION OF PERMANENT TANK CLOSURE

- Clean the 20 underground storage tanks, surge tanks, and associated piping.
- Address tank security, electrical power, and access for long term maintenance and environmental monitoring.
- Render the tanks unusable for fuel storage.



SITE ASSESSMENT, RELEASE INVESTIGATION & RESPONSE

Concurrent throughout phases 1 - 4.

- Perform site assessment as part of permanent closure.
- Continue to investigate and remediate impacted groundwater.

DEFUELING

Concurrent planning and preparation to defueling effort.

- Contingent on final defueling completion.



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Adit 3 Characterization and Recovery

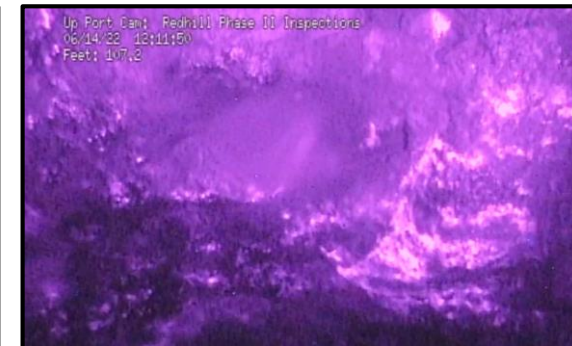
- Recovery efforts have continued to include skimming operations, absorbents and direct recovery.
- Excavation efforts led to the removal of ~1500 CY of soils.
- In June 2022, completed ROV investigation of the shaft and water development tunnel.
- Adit 3 characterization has continued with the installation of additional monitoring points.
- Awarded a soil vapor extraction and pilot study contract to pursue additional recovery; scheduled start in early 2023.



Excavation of Surrounding Soil



Deep Soil Characterization



Aquifer Impact & Red Hill Shaft

- Continued pumping operations at the Red Hill shaft via Granular Activated Carbon filtration system to create a capture zone.
- The Navy has continued to install plume delineation wells (P-wells) around the Red Hill shaft to identify any plume and potential migration.
- Future efforts include continued P-well installations, plus implementation of a GAC Flow Optimization plan to reduce water consumption from Red Hill Shaft while maintaining the capture zone.

5MGD GAC System



Red Hill Well



RHP04B Installation





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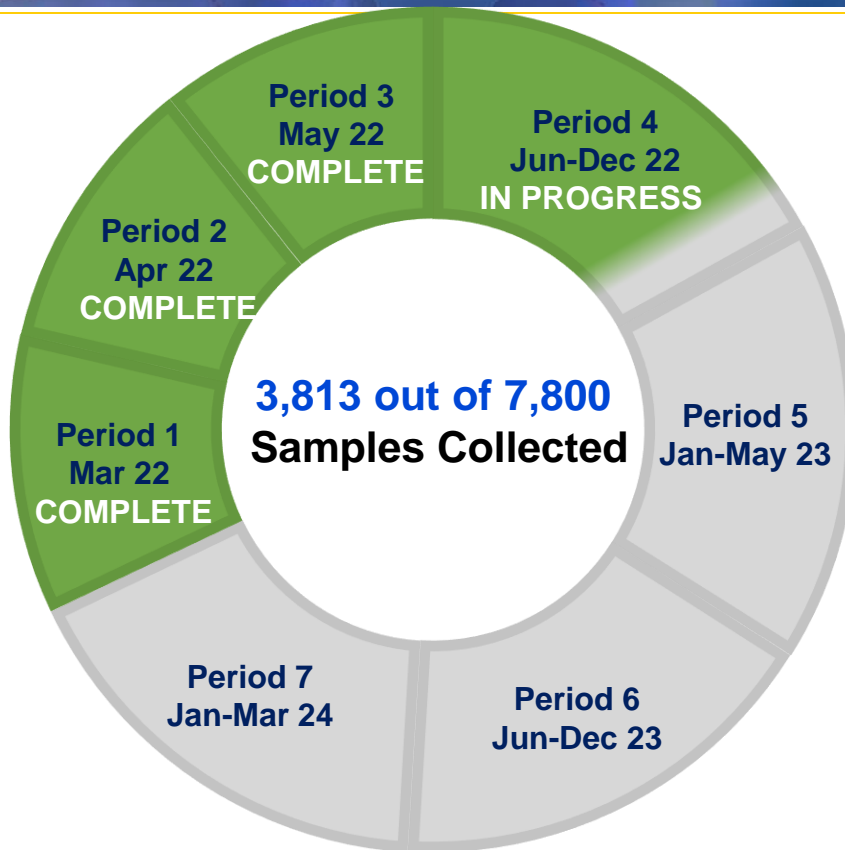
JBPHH Water Distribution System Long-Term Monitoring

Priority locations Sampled Each Period:

- Schools
- CDC's
- CDH's
- Medical/Dental Offices
- Distribution System

Drinking Water Distribution Sampling:

- sampling continues until Mar 2024
- 65%+ of homes and non-residential buildings sampled
- Zero detections of JP5

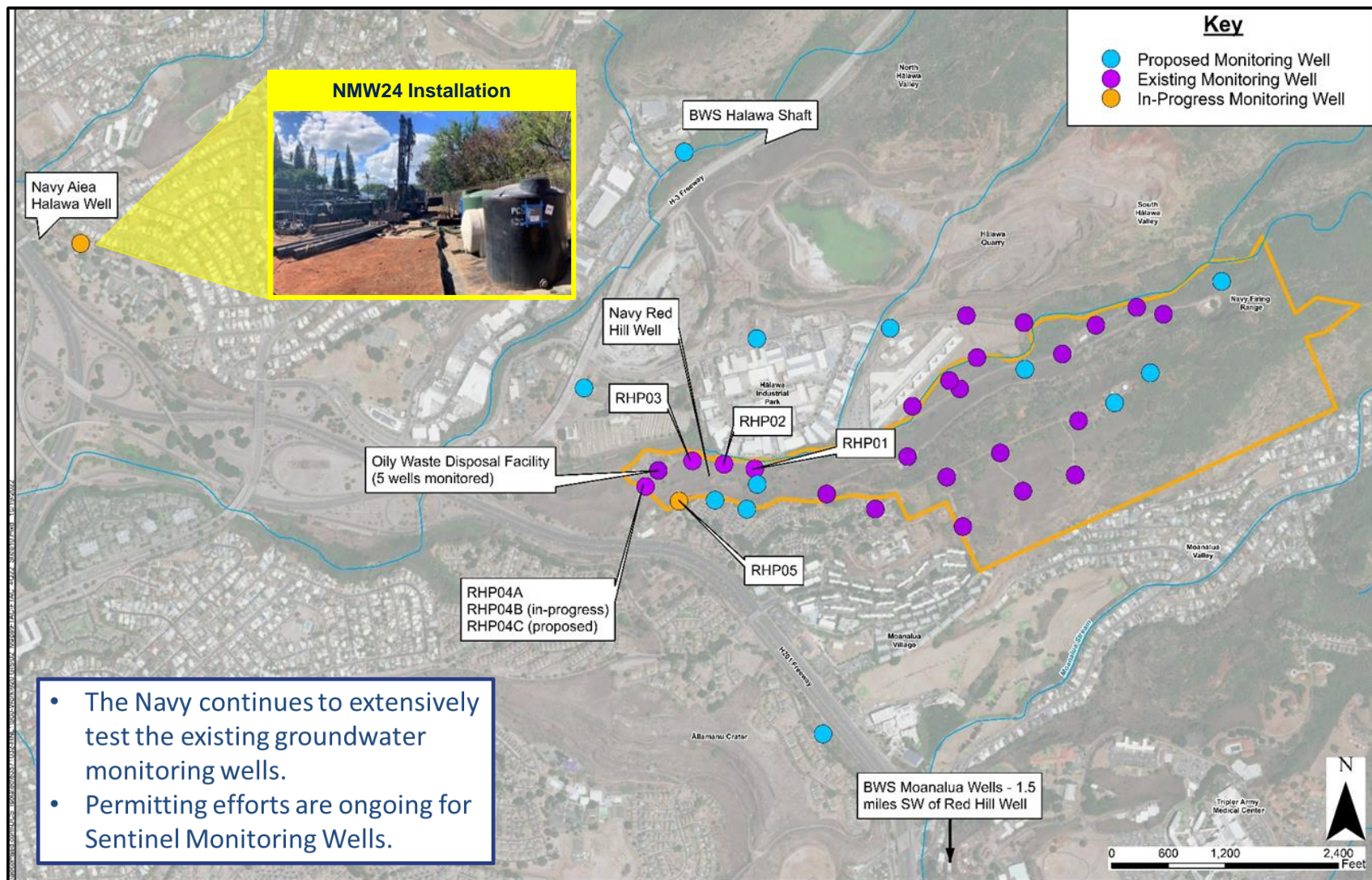


Rapid Response Team

The Rapid Response team is available to contact if residents have a concern to perform a house flush and test for TPH. Residents can contact the Water Response Team at (804) 920-3616



Groundwater Monitoring Wells and Well Network Expansion





Defense Health Agency Region Indo-Pacific (DHAR-IP)

Medical Affairs

Dr. Jennifer Espiritu, DHAR-IP interim PHEO



Medically Ready Force... Ready Medical Force



Introduction

- The Defense Health Agency Region Indo-Pacific was established on 27 Sep 2022.
- The Region oversees health care delivery for over 234,000 beneficiaries currently enrolled in MTF's in Hawaii, Guam, Japan, and the Republic of Korea. Comprised of 45 medical facilities.
- The Region provides health care to Army, Navy, Marine Corps, Air Force, Coast Guard, and Space Force service members, their families, and military retirees.
- By establishing the DHAR-IP, DHA and military service branches are able to tailor health care delivery and medical readiness to the needs of an increasingly critical strategic location while enhancing joint military medical operations in support of Combatant Commander.



Registry

- DHA HQ has responsibility for managing registry
- Decision brief in progress – 3 COAs
 - Maintain DOEHRS incident report
 - Build a registry into DOEHRS
 - Establish a 3rd party registry
 - ✓ Offers ability to include non-DoD affiliated individuals
 - ✓ Builds trust with community



Joint Health Service Working Group

- DHAR-IP assuming responsibility for the JHSWG on 8 November
 - Provides a single unified forum for water related health concerns
 - Participants include:
 - ✓ DHA: DHAR-IP, Hawaii Market, and Public Health
 - ✓ DoD: USINDOPACOM, Service Components, and Medical Readiness Commands
 - ✓ HDOH: State Toxicologist
 - ✓ Centers for Disease Control and Prevention
 - ✓ Other federal, state, and local agencies



'Ohana Outreach

- DHAR-IP in conjunction with the Hawaii Market are developing plans for a clinic dedicated to medical concerns related to potential exposures
 - Ready access to care
 - Rapid consultations with board certified physicians
 - Full spectrum specialty consultations available
 - Convenient location (Makalapa)
- 24/7 Dedicated call line



- *"The care you need, when you need it"*



Medically Ready Force... Ready Medical Force



Questions / Discussion



Medically Ready Force... Ready Medical Force

